

# Converting Colors

Hex(2B288D)

Have a look what the booklet for  
Hex(2B288D) contains.

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# Color

**Hex(2B288D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B288D
RGB	43, 40, 141
RGB Percent	17%, 16%, 55%
CMY	0.8314, 0.8431, 0.4471
CMYK	0.70, 0.72, 0.00, 0.45
HSL	242°, 56%, 35%
HSV	242°, 72%, 55%
XYZ	6.5628, 3.9543, 25.6167
YIQ	52.4110, -30.6330, 32.0470

# Conversions

## Conversions Part 2

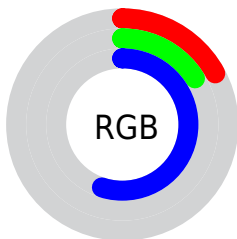
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 40, 141
Decimal	2828429
CIE <sub>Lab</sub>	23.52, 34.78, -55.33
CIE <sub>LCh</sub>	24, 65.354, 302.155
Yxy	3.9543, 0.1816, 0.1094
Android (android.graphics.Color)	4281018509 (0xFF2B288D)
YUV	52.4110, 43.6744, -8.2534
Hunter-Lab	19.8853, 24.1112, -62.4588

# Details

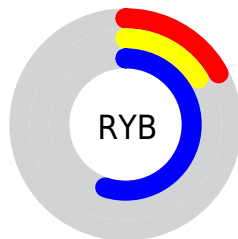
The Hex color **2B288D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8A8D28**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6656C4**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **1D1A8D**, and if you desaturate by 10%, it is **39368D**.

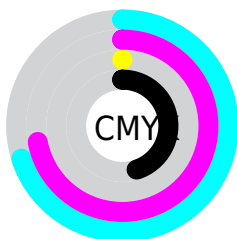
# Distribution



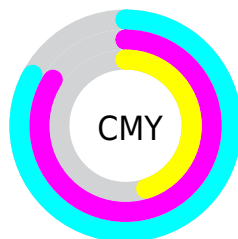
- Red (17%)
- Green (16%)
- Blue (55%)



- Red (17%)
- Yellow (16%)
- Blue (55%)



- Cyan (70%)
- Magenta (72%)
- Yellow (0%)
- Black (45%)



- Cyan (83%)
- Magenta (84%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B288D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2B288D by changing the saturation by 10% instead.



■ 2B288D

■ 2B288D

FFFFFF

■ 001373

■ 6656C4

■ 00005A

■ 836FE0

■ 000241

■ 9F88FD

■ 00032A

■ BCA3FF

■ 000114

■ D9BEFF

■ 000000

■ F7DAFF

■ FFF7FF

■ 2B288D

■ 2B288D

■ 1D1A8D

■ 39368D

■ 100C8D

■ 46448D

■ 04008D

■ 54528D

■ 62608D

■ 6F6F8D

■ 7D7D8D

■ 8B8B8D

■ 98998D

■ A6A78D

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003F9D



2B288D



710067

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B288D



682000



004A3B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2B288D



8A8D28

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004800



2B288D



433800

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B288D



810004



024300



004A6C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2B288D



830047



024300



004929



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2B288D



9291B8



288B8D



46455C



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2B288D



1E1AB8



5C288D



404047



040087



000008



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8D288A



B81AB3



598D28



474047



870083

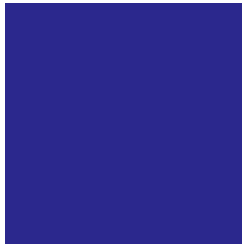


080007



# Previews

## White Background



This preview shows how the Hex color 2B288D looks on a white background.

## Color Contrast Check

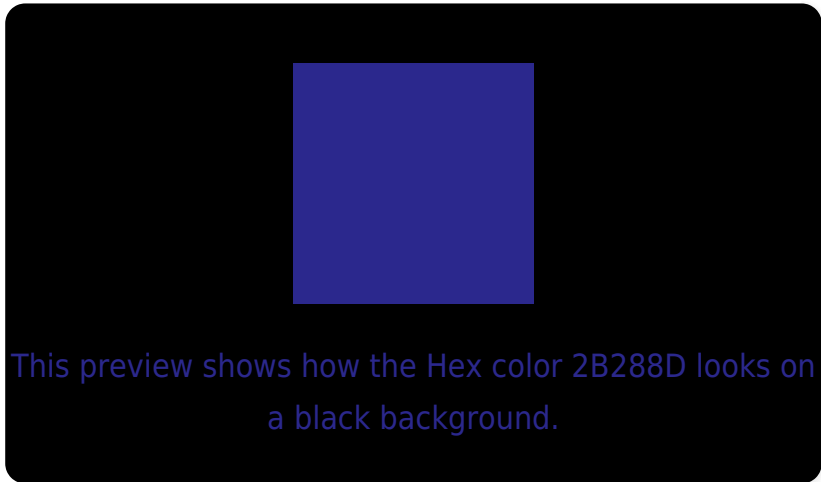
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

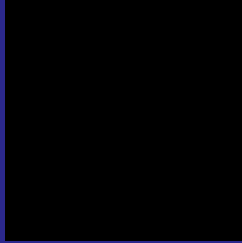
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B288D Background



This preview shows how black text looks on a background with the Hex color 2B288D.

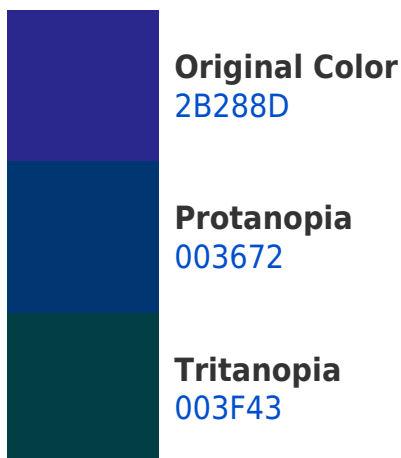


This preview shows how white text looks on a background with the Hex color 2B288D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



# Trichromacy



**Original Color**  
2B288D

**Protanomaly**  
10317C

**Tritanomaly**  
10375E

# Monochromacy



**Original Color**  
2B288D

**Achromatopsia**  
343434

**Achromatomaly**  
313054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B288D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2B288D looks like.

```
.text, #text, p{  
    color:#2B288D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2B288D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B288D
}
```

## Border

The CSS property to change the border of an element to Hex 2B288D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

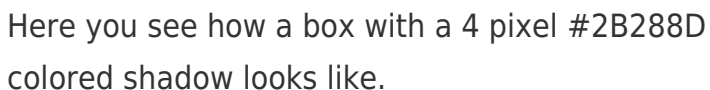
```
.border, #border, table{ border:4px solid
#2B288D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2B288D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2B288D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B288D; -webkit-box-shadow:4px 4px  
4px 4px #2B288D; box-shadow:4px 4px 4px  
4px #2B288D }
```

# Background

The CSS property to change the background color of an element to Hex 2B288D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B288D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2B288D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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